

AMENDMENTS TO THE SPECIFICATION

Page 1, before the first full paragraph, insert the following heading:

BACKGROUND OF THE INVENTION

Page 5, delete the first full paragraph and insert the following new paragraph:

The purpose of this arrangement of first and second low frequency transmitters 4, 4* and 5, 5* and of their transmission field is to allow, in addition to waking up the portable electronic units 36, detection of the direction of passage of individuals or objects through the entrance 6. This detection of the direction of passage is detected by determining the order of reception of the first and second low frequency electromagnetic signals A, B transmitted respectively by the transmitters 4, 4* in the communication regions 61, 61 and by the transmitters 5, 5* in the communication regions 62, 63. The detection is accomplished by detection means including the antenna 28, the low frequency reception module 46 and the electronic/data processing unit 44.

Page 6, before the last full paragraph insert the following heading:

SUMMARY OF THE INVENTION

Page 7, delete the second full paragraph and insert the following new paragraph:

The present invention thus concerns a system for detecting individual or objects in a plurality of delimited spaces, each having at least one entrance, ~~the features of which are recited in independent claim 1.~~

Page 7, delete the fourth full paragraph and insert the following new paragraph:

The present invention also concerns methods of detection ~~whose features are recited in claims 8 to 10.~~

AMENDMENT UNDER 37 C.F.R. §1.111
Application No. 10/552,070

Page 8, before the fourth full paragraph, insert the following heading:

BRIEF DESCRIPTION OF THE DRAWINGS

Page 8, before the last full paragraph insert the following heading:

DESCRIPTION OF PREFERRED EMBODIMENTS